

## Claims:

- 5 1. An implantation device (1) comprising a hollow needle (2) and a body (3) adjoining the needle, the body (3) comprising an elongated part (4) extending along the same axis as the needle (2), a plunger (5) that can be displaced within the elongated part (4) and the needle (2), the periphery of the plunger (5) defining a channel (6) in the elongated part (4), and a chamber (7) capable of holding an implant (8), characterized in that the chamber (7) is positioned radially outside the channel (6) and has a directly or indirectly open connection to the channel (6), the plunger (5) being capable of closing off and opening up the chamber (7) by being displaced.
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- 15 2. An implantation device (1) comprising a hollow needle (2) having a chamfered tip profile and a body (3) adjoining the needle (2), the body (3) comprising an elongated part (4) extending along the same axis as the needle (2), a plunger (5) that can be displaced within the elongated part (4) and the needle (2), the plunger (5) having a chamfered tip profile capable of blending with the needle tip profile, wherein the periphery of the plunger (5) defines a channel (6) in the elongated part (4), and a chamber (7) capable of holding an implant (8), characterized in that the chamber (7) is positioned radially outside the channel (6) and has a directly or indirectly open connection to the channel (6), the plunger (5) being capable of closing off and opening up the chamber (7) by being displaced.
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- 25 3. An implantation device according to claim 1 or 2, characterized by being loaded with an implant (8) held in the chamber (7).

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Sub A2

Add A3